HP StorageWorks Command View XP
Version 2.1
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1.0 OVERVIEW
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HP StorageWorks Command View XP is a Web-based storage
management platform that monitors and configures the HP
StorageWorks XP Disk Array family of products. You can
access Command View from remote locations using the
Internet and a Web browser.

Firmware requirements are addressed in section 2.0. New
features and defect fixes are summarized in sections 3.0
and 4.0. Section 5.0 discusses known issues and section
6.0 provides a list of documentation available for Command
View. Section 7.0 is an appendix, providing corrected
error messages received in the user partition windows in
the Command View framework.

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2.0  FIRMWARE REQUIREMENTS
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Command View 2.1 requires that the managed disk arrays have
certain minimum firmware levels.

- For XP12000: Firmware version 50.01.30.00/00 is recommended
  to support dynamic licensing
  (Firmware version 50.03.30.00/00 or later is recommended.)
- For XP1024/XP128: Firmware version 21.11.02.00/00 is
  recommended to support dynamic licensing. (Firmware version
  21.11.02.00/00 or later is recommended.)
- For XP512/XP48: Firmware version 1.19.51.00/00 is required.
  (Firmware version 1.19.86.00/00 or later is recommended.)
- When using the MSA1000/1500 for Flex Copy on XP128 or
  XP1024, use MSA1000 firmware version 4.32.
- When using the MSA1000/1500 for external storage or
  Flex Copy XP on XP12000, use MSA1000/1500 firmware
  version 4.32.

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3.0  NEW FEATURES
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Command View XP 2.1 provides support for new firmware
features, product enhancements, and bug fixes for the
HP StorageWorks XP Disk Arrays.

The following new features are supported:

* HP XP Data Shredder (XP128/XP1024 Only)
* Export Tool support for CA
* HP XP Disk/Cache Partitioning
* HP CA Journal
* Universal Replicator
* 11.23PI Local Deployment Only

* HP-UX Browser Support
* Cisco Switch Support
* Auto LUN multiple migrations
* Additional external storage support
* OPEN-V CLI/API support
* Windows XP Professional (Service Pack 2) for the
  management station

Unless otherwise noted in this readme, all new features are
documented in the installation and user guides, which are
provided on the Command View CD.

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4.0 DEFECT FIXES
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This version of Command View fixes the following defects:

- CV Unable to Complete Data Retrieval for Arrays with
  Large Configuration
- XP512: State Farm - CV 1.8B Device List Disappearing
- Panther Support Method Needs to be Called for raidmgrproxy
- Path Connectivity GUI Does not Allow the BC/CA Data
  Collection with Error
- Include Modify LUSE Feature in API and CLI
- Information Missing on Array Sec LDEV View Screen for
  2/3 Arrays
- Mismatch in the Units Mentioned for List licensekey_info
- API to get the Location of Disk Drive
- No API to get the Manufacture of a Disk Drive
- Command View Version 1.8b Customer is Using CLI/
  Commands Not Working
- Need to Change the Error Message when Attempting
  to Delete a LUSE
- Investigate if Deviceadmin Still Fails with Mozilla-
  HP-UX 11.23
- Mismatch in the Units Mentioned on License key
  Management Screen
- Expand LKMgmt to License Key Management
- Could Not Add Brocade switches to CVXP Switch

  Management
- BC-CA pair status not getting displayed for AIX
- Add support for OPEN-V
- Customers Want All Changes to be Logged
- BROCADE SWITCH 3850 Not Discovered in CV 1.8B PC
- "Truncate Log" Feature Fails to Truncate PC
  Event Log
- NullPointerException in DataCollectorServiceConf
- Security issues in Command View 2.0
- Bug in the Event (Script) Notification Function
- Script Notification Rules in Event Notification
  are Lost after CV Restart
- No API Support to Get the Speed/Maxspeed for FC
  Port(Ovsam Requirement)
- Pa/CV Remote Deployment Should Not Remove Shared
  Components
- CV XP with XP12000 - CV CLI Cannot Address CU
  Number > 31 Decimal
- Session Timeout Configuration From File Fails
  to Drop Idle Sessions
- Unable to Add Switch in Path Connectivity
- Upgraded Apache Server to 1.3.33
- Change the Word "Unix" To "HP-UX" In The CV CLI
  Installation Guide
- SVP to Register Management Station IP Address to
  Prevent Misuse of Security

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5.0 KNOWN ISSUES
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The issues addressed in this section are known to exist
For Command View XP 2.1.

5.1 General Limitations

The following limitations exist for this release:

   - A dedicated management station is required

- Coexistence with Performance Advisor 2.1 is supported;
  Versions of Performance Advisor older than 2.1 are NOT
  supported
- IP security feature removed from Command View CLI for
  XP128/XP1024/XP12000
- Device Administration CLI commands removed

The following is NOT supported:

- Command View XP 2.0 or later for the XP256
- AutoLUN support for the XP48/XP512
- Host agent, CLI, or online help support for mainframe
  systems
- Netscape browsers on Microsoft Windows platforms
- Windows NT management server
- Auto LUN is not supported with Business Copy XP on any XP
  disk array

5.2 Special FW Requirements for Command View 2.1

Do NOT upgrade to Command View 2.1 on the Command View
management station managing XP128/XP1024 arrays if you do not
want to upgrade the firmware for these arrays.

The firmware version prior to 21.10.09 for XP128/XP1024 will
only work with Command View 1.8B. If you want to manage an
XP12000 and still retain firmware versions prior to 21.10.09
for your XP128/XP1024 arrays, you will need a separate
Command View management station with Command View 2.1 to
manage the XP12000.

5.3 Windows Server 2003 with Command View 2.1

If you are using Windows Server 2003, you must perform the
following operation in Internet Explorer before using Command
View for the first time:

1. In Internet Explorer, select Tool>Internet Options from the menu. The Internet Options dialog box is displayed.
2. Select the Advanced tab.
3. Clear the Do not save encrypted pages to disk check box.
4. Select OK to close the Internet Options dialog box.

Additionally, ensure that the "IIS Admin Service" is disabled.

1. Select Start > Settings > Control Panel > Administrative Tools > Services.
2. Right-click "IIS Admin Service" and select "Properties".
3. Set the 'Startup Type' to "Disabled".
4. Click OK.

5.4 Installation of Command View 2.1

All previous versions of Command View, with the exception of Command View 2.0, must be removed before installing Command View 2.1. If the "IIS Admin Service" is available on the system, ensure that it is disabled. To do so, use the instructions given in section "5.3 Windows Server 2003 with Command View 2.1".

5.5 Command View Web Client Session Times Out

If the Command View framework session times out, attempts to log in again using the same browser will fail. Close the browser where Command View was running and restart Command View in a new browser.

5.6 Command View Management Station Software Does Not Support
     Running on a Multiprocessor System

Command View management station software should run on a single-processor system. Running the Command View management server software on a multi-processor system is not formally supported.

5.7 HP-UX Mozilla Web Client Support

Accessing the main CV framework GUI (by browsing to the IP
address of the Command View management station) is not
supported with any HP-UX Web clients at this time. HP-UX
Mozilla web clients are currently only supported for accessing
the XP128/XP1024/XP12000 device managers directly using the IP
address of the array. Supported HP-UX Mozilla web clients
include:

   - For HP-UX 11.00, use Mozilla 1.6 with JRE/JPI 1.4.2.05
   - For HP-UX 11.11, use Mozilla 1.6 with JRE/JPI 1.4.2.05
   - For HP-UX 11.23, use Mozilla 1.6 with JRE/JPI 1.4.2.05
   - For HP-UX 11.23 PI (HP-UX 11iv2 for PA-RISC and HP-UX
     11iv2 for 1A-64), use Mozilla 1.6, JRE 1.4.2.05.

Workaround:
To access the Command View Framework GUI, please use one of
the supported Windows Web clients:

   - For Windows 2000/2003/XP(IA 32), use Internet Explorer 6.0
     with JRE 1.4.2

5.8 "hp StorageWorks command view xp" Shortcut

When Command View 1.8 is uninstalled, the shortcut "hp
StorageWorks command view xp" remains on the management
station's Start >Programs menu. When you install Command View
2.1, a new shortcut, titled "HP StorageWorks", is added and
the old shortcut remains. The old shortcut will not work
properly for Command View 2.1.

Workaround:
Either use only the new link entitled "HP StorageWorks" or
manually delete the shortcut in the menu by right-clicking on
the "hp StorageWorks command view xp" shortcut and selecting
Delete.

5.9 Session Timeout Values

User-defined changes to session timeout values as described in
the installation guide will be ignored if the timeout is set
to 10 minutes or less. If set in that range, CV will use the
default of 60 minutes for session timeout. Make sure you set
session timeout values to more than 10 minutes.

When the Command View browser session has timed out, you will
need to close the browser and log in on a new browser session.

If Performance Advisor 2.0 is invoked from the Command View
Web GUI and the Command View Web session times out, you must
close all opened Performance Advisor browser sessions and
Command View sessions and invoke a new browser session to log
on to Command View again.

5.10 Adding Arrays to Command View with Device Panel

Command View 2.1 will allow XP128 or XP1024 arrays running
firmware version 21.10.08 to be added using the Device Admin
panel, however those configurations are not supported. CV 1.X
must be used to manage arrays with FW versions 21.10.08 and
older.

Workaround:
Confirm supported firmware version (see 2.0 Firmware
Requirements for supported firmware version) before adding an
array to Command View. For earlier firmware, manage array with
Command View 1.X.

5.11 Viewing Online Help on HP-UX

The Command View online help may not load properly on HP-UX
operating systems using Netscape. If this occurs, reload the
frame by right-clicking the grayed frame on the left hand side

and clicking Reload Frame.

5.12 Multiple LAN Card Limitation

If the Command View management station has two network cards
installed, one card on an isolated LAN and another on a
corporate LAN, the client may have trouble connecting to the
management station if the primary card mapped to the local
host is on a different LAN than the client.

To solve this issue, configure the first LAN card to
communicate with the hosts and Command View API clients on the
SAN. To set the LAN card as the first network card, modify the
bindings order of the network adapters to bind that network
card first. This procedure is explained in the installation
guide.

5.13 The CV CLI "create host_group" Command Removes Spaces in
       Host Group Name Input Parameters

The "create host_group" command removes spaces in the host
group name input parameters. Use the host group names with no
spaces in the CLI.

5.14 Installing Multiple JRE Versions May Cause Command View
       Applets to Crash Internet Explorer

In Windows, installing an older or unsupported JRE after
installing the supported JRE may cause the Command View web
client running on that system to crash. First, verify the
order you installed the JRE versions and if necessary,
uninstall and re-install JRE 1.4.2. Complete the following
assuming that JRE 1.3.1 is the supported JRE:

  1. Check the timestamps of the JRE installation folders. The
     JRE 1.3.1 installation folder path is
     <JRE-install-directory>/JavaSoft/JRE/1.3.x. The JRE 1.4.2

installation folder path is
<JRE-install-directory>/Java/j2re1.4.2.
If the JRE 1.3.x installation folder has a more recent
timestamp than the JRE 1.4.2 installation folder,
continue to the next step.
2. If you are solving the problem on the management station,
stop all Command View or Performance Advisor services.
3. Uninstall JRE 1.4.2.
4. Download and install JRE 1.4.2 from the Sun Web site.
5. If you are solving the problem on the management station,
restart all Command View or Performance Advisor services
before using Command View or Performance Advisor.

5.15 Flex Copy Display Limitation

LUNs and ports that are part of Flex Copy XP and External
Storage XP will not be displayed under the CLI, APIs, SMI-S,
or in the Path Connectivity Array Security pane.

5.16 Installing and Uninstalling License Keys

If you are unable to install or uninstall license keys for the
XP48 and XP512 disk arrays using the Licensing Management
feature, contact your HP account support representative for
assistance with installing the license key directly on the
array.

5.17 SMI-S XP Also Supports XP12000

The "HP StorageWorks SMI-S XP Release Notes" document (for the
optional SMI-S XP component) indicates that supported arrays
include only the XP128/XP1024. It should also state that SMI-S
XP supports the XP12000 array.

5.18 Auto LUN Cannot be Used to Migrate BC Volumes

In the Command View user guide, the Business Copy chapter

incorrectly states that Auto LUN can be used to migrate BC volumes. This is currently not supported for any XP arrays.

5.19 Installation of Command View with Performance Advisor

When installing both Command View and Performance Advisor, be sure to install Command View first.

5.20 Storage Domain Definition

The introductory pages for the XP48/XP1024/XP12000 LUN Management documentation uses the term "storage domain" but it is not described well. A storage domain refers to a group of hosts within the same host group.

5.21 LUN Management (XP12000) Option Button

Please do not use the Option button on the LUN Management pane for the XP12000.

5.22 Target ID at HostStorageMapping screen will be blank for Solaris host
----

The HostStorageMapping screen displays target ID as blank when MPXIO's (Sun's Traffic Manager) is enabled on Solaris Host.

5.23 AIX and Red Hat Enterprise Linux Support Unclear in Online Help for Host Software Installation Checklist
----

Under System Requirements for the host software installation checklist for AIX and Linux hosts, please note that the checklist does not include the most recent list of supported operating systems. See the HP StorageWorks Command View XP Installation Guide for a complete list of host agents supported for Command View 2.1 and for the settings on the host that enable

deployment.

5.24   Continuous Access XP Journal and Data Shredder
       Screenshots are Not Available.

Screen shots are not available for the Continuous Access
XP Journal chapter and Data Shredder feature (found in the
Volume Management chapter) of the HP StorageWorks Command View
XP User Guide for XP Disk Arrays. These screenshots will be
available with a later version of Command View.

5.25   Unable to Connect to XP12000

This may be encountered when the XP12000 is loaded with
large configuration (for example, configured with numerous
amount of disks/LDEVs). To resolve this issue,
follow these steps:

   1. Change the following properties to higher values
      at \hpss\dm\tomcat\webapps\hpstmgmt\WEB-INF\
      cvapi\config\:

      # RMI_GETS_TIME_OUT time out value for Gets in seconds
      RMI_GETS_TIME_OUT= 300
      For example, change it to RMI_GETS_TIME_OUT= 600

      # RMI_TRAP_TIME_OUT time out value Trap Table for Gets
      in seconds _TRAP_GETS_TIME_OUT=300
      For example, change it to RMI_TRAP_GETS_TIME_OUT== 600

   2. Change the "RMI time-out period {to higher values}.
      For example, change the value from 1 minute to
      5/10 minutes. To do so, follow these steps:
         a. Launch the Device Manager GUI.
         b. Click the Options icon, located at
            the top, right side of the window.
         c. Select the "Set Env." tab.
         d. Choose the required value from the dropdown
            list for "RMI time-out period" property.

         f. Click Submit and exit from the control panel.

5.26 Recovery Testing Fails on the Management Station

When some Command View services are stopped on the Command
View management station, the Command View window corresponding
to that particular feature will show an error. The details for
the error are in the format of code failure details (core-dump).
On restarting the specific service, this window will not
automatically refresh. To refresh the window, you will need
to navigate to another Command View window, and then return to
the window you wanted to refresh.

5.27 Event Notification Not Working with SSL Configured

Command View does not support SSL configuration with
self-signed certificates. If you plan to set up SSL
configuration for communication between the Command View
server and clients (browsers or CLI), please use SSL
certificates issued by a certifying authority only. If
you are referring to the SSL white paper (Apache Web
Server SSL Configuration for Command View Applications,
Revision 10/8/2002), please ignore sections of the document
that refer to "self-signed" certificates.

5.28 Incorrect Wording in Error Messages in User
      Partition Windows in the Command View Framework

When using the Command View Device Manager GUI for the XP12000
disk array, you may receive some error messages (in the form
of a popup dialog) that contain incorrect wording. These error
messages are only found in the user partition assignments in
the Command View framework. See "7.0 Appendix", below, for
the correct interpretation of the error messages.

5.29 United Linux Kernel 2.4.19 Not Supported

The Support tab displays a link to download the United Linux Kernel 2.4.19 Host Agent. However, XP disk arrays and Command View no longer support this kernel version.

Workaround: United Linux kernel 2.4.21 is now supported.

--Issues Concerning Path Connectivity--

5.30   Data Purge Functionality Remove Now Button Deletes
       Older Data

In Path Connectivity, for the Data Purge functionality, the Remove Now button deletes older data (based on the Removal period) immediately.

Clicking the "Remove Now" button will delete the older data, which was not collected from past "Removal period" days.

    For example:
     - Last data collected date: 12/20/2004(MM/DD/YYYY)
     - Removal Period :- 15 days
    In this example, selecting the "Removal Now" button
    will delete any data not collected from 12/05/2004
    (MM/DD/YYYY).

Once data purge is done, you need to add the hosts/switch again and perform the data collection to get the latest data.

5.31   Command View XP Path Connectivity Host Agent
       Support for HP-UX 11.23pi

Command View XP 2.1 only supports local installation for the HP-UX 11.23pi Path Connectivity host agent.

To install the HP-UX 11.23pi host agent:

1. From the Command View management station, click the
   Support icon in the left pane.
2. In the right pane, click on the HP-UX 11.23pi link for
   the preferred host agent.
3. Follow the instructions in the Command View XP
   Installation Guide for installing Path Connectivity
   host agents.

Note: To uninstall the HP-UX 11.23pi host agent, go to the
      depots directory, and run unix_local_uninstall.sh.

5.32 Path Connectivity Graphical Display

The Path Connectivity Remote Deployment graphical display may
not refresh when deploying a large number of hosts. The
progress bar for the deployment status may freeze at a certain
percentage and does not refresh.

Workaround:
Close and then reopen the graphical display to get the actual
status.

5.33 Broken Paths in the Path Connectivity - Connectivity
      Health Screen Disappeared After Data Collection

Beginning with Command View 1.8B, paths that have been broken
(for example, due to the disconnection of an FC cable) will
disappear after the next successful Path Connectivity data
collection. If the paths become valid again, they will
reappear after the next successful data collection.

When a path is broken, an event will be sent out. You can use
the Event Notification module to receive the events:
1. Click on Event Notification in the Command View main
   window.
2. Click on Event under History in the left menu of Event
   Notification pane.
3. Select the category "Path Connectivity" and then select the

"Serious" checkbox and appropriate time in the right side
   of the Event pane.
4. Table containing events about the change in path health
   will be displayed with Event description,Date,Status,
   HostIPAddress,Hostname, Hostportwwn,Portstate,
   ArraySerialNo,ArrayProductname,Arraymodel,Arrayportname,
   Arrayportwwn.
5. To get e-mail notification for these events, please see the
   user guide or online help for Event Notification.

5.34 Command View XP Path Connectivity Manual "Add Host"
      Feature

The Add Host feature allows you to record host data on hosts
that do not have the Path Connectivity host agent running.
Manually adding the hosts one-by-one using the "Add Host"
feature under Path Connectivity's Administration screen may
not add all information into the database. Use the "Import
Host" feature to add the host information.

5.35 Multiple Path Connectivity Instances in a SAN

When communicating with an XP48/XP512, if you have multiple
Command View management stations configured in your SAN
environment to manage the same SAN resources, Path
Connectivity's "Data Collection Service" may conflict with
each other. For instance, the Path Connectivity Diagnosis
function either hangs or takes a very long time to complete.

Workaround:
Disable the Path Connectivity "Data Collection Service" on one
of the management stations. To do this, go to the Windows
Services, right-click "HpssDataCollectorService," and then
click Stop.

5.36 Not Preserving Original Data in New Path Connectivity
      Database

If you are upgrading from Command View XP 1.40 or earlier, the installation process will not preserve the user-entered database data. The database content will be lost during the upgrade process.

5.37 Path Connectivity Event Log Pane Filter

A defect in the Path Connectivity Event Log Pane is occurring that allows a pop-up message stating that both hhmmss and hh:mm:ss formats are accepted.

The event filter function by date and time requires the time format to be hh:mm:ss where hh represents a two-digit hour, mm represents a two-digit minute and ss represents a two-digit second in military time.

5.38 The Connectivity Health Screen Will Not Show Physical Path Information for a Solaris Host with Sun's Traffic Manager (MPxIO) Enabled
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The Connectivity Health screen provides a table of the paths and path connectivity health statuses between hosts and XP disk arrays. However, for a Solaris host with Sun's Traffic Manager (MPxIO) enabled, the Connectivity Health screen will show a pseudo HBA WWN and a logical path between this pseudo HBA port to the XP disk array.

5.39 Host Agent Deployment Tool

The host agent deployment tool (remote install and update) does not work when trying to install Command View 2.1 or update the host agent from earlier versions of Command View.

Workaround:
Reinstall the host agent.

5.40   Path Connectivity Manual Data Collection May Show
       Successful Pop-up Message Upon a Failed Host Collection
----

The Path Connectivity Collect Data Now function may return a
successful message for a host collection on existing hosts even
though the collection may have failed. Ensure that there are
no ERROR events shown in the Path Connectivity event log after
a manual data collection.

5.41   A "No such object in table" Error May Occur While
       Accessing the Administration Screens in Path
       Connectivity

A "No such object in table" error may occur while accessing
the Administration panes in Path Connectivity. This error
could occur when attempting to manually add a host on the Host
Discovery - Host Management pane or other Path Connectivity
Administration feature combined with a subsequent network
delay or timeout during the requested operation.

To resolve this issue, you need to restart the HPSSE2ETomcat
service. You can choose to either restart the Command View
services through the Start menu:

Note: The following procedure stops and restarts ALL Command
View services and will affect processes that are currently
making changes to disk array configurations.

   - Click Start > Programs > HP StorageWorks Command View XP >
     Restart Services.

OR

Restart the HPSSE2ETomcat service remotely:

   1. Become a member of the <CVXP management
      server>\Administrators group.
   2. From the Control Panel, click Administrator Tools >

      Computer Management > Action > Connect to another
      computer, and then connect to <CVXP management server>.
  3. From the Control Panel, click Administrator Tools >
      Computer Management > Services and Applications >
      Services.
  4. Stop and Start the HpssE2ETomcat service.

Or use the REXEC service:
  - rexec <CVXP management server> [-l username]
    [-n] "NET STOP HpssE2ETomcat"
  - rexec <CVXP management server> [-l username]
    [-n] "NET START HpssE2ETomcat"

5.42 Connectivity Health Pane Hyperlinks May Not Work

In the Connectivity Health pane under Path Connectivity, some
hypertext links in the diagnostics result report frame may not
take you back to the main Connectivity Health screen when
clicked. Click the Connectivity Health button near the top of
the frame to return to the main Connectivity Health screen.

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6.0 COMMAND VIEW DOCUMENTATION
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The information contained within this appendix is information
pertinent to Command View not covered elsewhere in the
documentation.

6.1 Documentation Provided on the Command View CD-ROM

  - HP StorageWorks Command View XP Installation Guide
  - HP StorageWorks Command View XP for XP Disk Arrays User
    Guide
  - HP StorageWorks Command View XP Command Line Interface
    (CLI) Reference Guide
  - HP StorageWorks Command View XP Path Connectivity User

      Guide
   - HP StorageWorks Command View XP Path Connectivity Command
     Line Interface (CLI) Reference Guide
   - HP StorageWorks Command View XP and Path Connectivity
     online help
   - HP StorageWorks SMI-S XP Release Notes

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7.0 APPENDIX
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The following are corrections for error messages received
in the user partition assignments in the Command View
framework:

[Current Message] There is no specifiable LDEV number.
Probable causes and solutions are: - The CU number that
can be specified for the started SLPR is not assigned.
Contact the storage partition administrator. - All LDEVs
in the usable CU are already used. Check whether the
LDEVs are used by another SLPR. Alternatively, contact
the storage partition administrator.

[Can be read as] There is no specifiable LDEV number.
Probable causes and solutions are: 1) The CU number that can
be specified for the started SLPR is not assigned. 2) All
LDEVs in the usable CU are already being used. Check to see
if the LDEVs are being used by another SLPR, or contact
your Command View administrator.

[Current Message] Because the settings across the multiple
SLPRs are contained, the authority has been shifted to the
storage administrator from the storage partition administrator.
To continue the operation, please contact the storage
administrator. To perform other operations, select a
function button.

[Can be read as] Because the settings across the multiple
SLPRs are contained, the authority has been shifted from
Storage Administrator with partition access to Storage

Administrator with full array access. To continue the operation,
please contact your Command View administrator. To perform other
operations, click on one of the features icons in the left pane.

[Current Message] Some LUs are set across the multiple SLPRs.
If this operation is performed, the storage partition
administrator will lose his function. Do you want to
continue the operation?

[Can be read as] Some LUs are set across the multiple SLPRs.
If this operation is performed, the user having access to these
SLPRs will lose access privileges. Do you want to continue?

[Current Message] Storage partition administrator cannot
disable the expiration lock, because the expiration lock
is set to Enable by storage administrator.

[Can be read as] Cannot disable the expiration lock
because the expiration lock is enabled by the Command View
Administrator.

[Current Message] The login information of the partition
management function has been initialized due to detection
of conflicting information. Please contact the storage
system administrator. (To the storage system administrator:
Please reconfigure the login information.)

[Can be read as] The login information of the partition
management function has been initialized due to detection
of conflicting information. Please contact your administrator.
To the administrator: Please reconfigure the login information.

[Current Message] The LUSE volume is set across plural SLPRs.
If you perform this operation, the storage partition
administrator will become unable to operate. Do you want
to continue this operation?

[Can be read as] The LUSE volume is set across multiple
SLPRs. If you perform this operation, users having access
to these SLPRs will lose their privileges. Do you want to

continue?

[Current Message] The PFC group extends across multiple
SLPRs. If this operation is performed, the storage
partition administrator will lose his function. Do you
want to continue?

[Can be read as] The PFC group extends across multiple
SLPRs. If this operation is performed, users assigned to
the partitions will lose their privileges. Do you want to
continue?

[Current Message] The P-VOL and the S-VOL belong to
different SLPRs. If you perform this operation, the
storage partition administrator will become unable to
operate. Do you want to continue this operation?

[Can be read as] The P-VOL and the S-VOL belong to
different SLPRs. If you perform this operation, the users
assigned to the SLPRs will lose their privileges. Do you
want to continue?

[Current Message] The setting extends across multiple SLPRs.
If this operation is performed, the storage partition
administrator will lose his function. Do you want to
continue?

[Can be read as] The setting extends across multiple SLPRs.
If this operation is performed, users having access to these
SLPRs will lose their privileges. Do you want to continue?

[Current Message] The S-VOL and the T-VOL belong to different
SLPRs. If you perform this operation, the storage
partition administrator will become unable to operate. Do
you want to continue this operation?

[Can be read as] The S-VOL and the T-VOL belong to different
SLPRs. If you perform this operation, users having access
to these SLPRs will lose their privileges. Do you want to
continue?

[Current Message] This function cannot be used by the storage partition administrator.

[Can be read as] You do not have account privileges to use this function.

[Current Message] This migration plan extends across multiple SLPRs. If you perform this operation, the storage partition administrator will become unable to operate. Do you want to continue this operation?

[Can be read as] This migration plan extends across multiple SLPRs. If you perform this operation, users having access to these SLPRs will lose their privileges. Do you want to continue?

[Current Message] You are trying to combine volumes having different SLPR numbers into an LUSE volume. If you perform this operation, the storage partition administrator will become unable to operate. Do you want to continue?

[Can be read as] You are trying to combine volumes having different SLPR numbers into an LUSE volume. If you perform this operation, users having access to these SLPRs will lose their privileges. Do you want to continue?